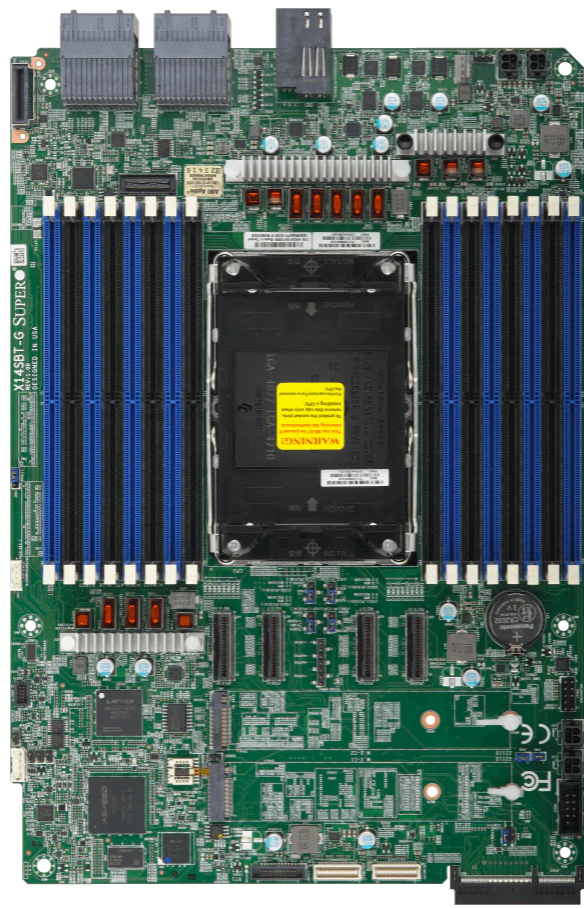


# X14SBT-G (For SuperServer Only) New

**Print**


### Key Features

1. Intel® Xeon® 6700-series processors with E-cores, Single Socket LGA-4710 (Socket E2) supported, CPU TDP supports Up to 350W TDP
2. Up to 2TB ECC RDIMM, DDR5-6400MT/s (1DPC) or DDR5-5200MT/s (2DPC) in 16 DIMM slots
3. 1 PCIe 5.0 x8 via customized 124-pin slim cool edge connector(for front I/O module)
4. 2 PCIe 5.0 x16 via Molex Impleplus connectors
5. 4 PCIe 5.0 X8 via MCIO connectors
6. I/O: 1 COM, TPM header
7. **M.2 Interface:** 2 PCIe5.0 x4 **M.2 Form Factor:** 2280, 22110 **M.2 Key:** M-Key

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### Optimized Servers

[SYS-212GT-HNF](#) [SYS-212GT-HNR](#)

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### Specifications

### Resources

### Parts List

Product SKUs	
<b>MBD-X14SBT-G</b>	
Physical Stats	
<b>Form Factor</b>	Proprietary
<b>Dimension</b>	8.53" x 12.42" (21.67cm x 31.55cm)
Processor	
<b>CPU</b>	<a href="#">Intel® Xeon® 6700-series processors with E-cores</a> Single Socket E2 (LGA-4710) supported, CPU TDP supports Up to 350W TDP
<b>Core</b>	Up to 144 (E) cores
System Memory	
<b>Memory Capacity</b>	16 DIMM slots Up to 2TB ECC Registered RDIMM, DDR5-6400MT/s
<b>Memory Type</b>	6400 MT/s ECC DDR5 RDIMM Up to 128GB of memory with speeds of up to 6400 MT/s(1DPC) or 5200 MT/s (2DPC)
<b>DIMM Sizes</b>	32GB, 64GB, 96GB, 128GB
<b>Memory Voltage</b>	1.1V
<b>Error Detection</b>	Corrects single-bit errors Detects double-bit errors (using ECC memory)
On-Board Devices	
<b>Chipset</b>	System on Chip
<b>IPMI</b>	ASPEED AST2600 BMC
<b>Network Controllers</b>	AIOM for LAN
Input / Output	
<b>Serial Port</b>	1 COM Port(s) (1 header)
<b>TPM</b>	1 TPM Header

Expansion Slots	
<b>PCIe</b>	4 PCIe 5.0 x8 MCIO connector, 2 PCIe 5.0 x16 PCIe 5.0 via Molex Impleplus connectors, Support up to two X16 PCIe 5.0 AIOM, 1 PCIe 5.0 x8 PCIe5.0 4C customized 124-pin slim cool edge connector, Support GrandTwin Front IO module
<b>M.2</b>	M.2 Interface: 2 PCIe 5.0 x4 Form Factor: 2280/22110 Key: M-Key
System BIOS	
<b>BIOS Type</b>	AMI 64MB AMI UEFI
<b>BIOS Features</b>	ACPI 6.5 SMBIOS 3.7 or later UEFI 2.9
Management	
<b>Software</b>	<a href="#">Redfish API</a> , <a href="#">Supermicro Server Manager (SSM)</a> , <a href="#">Supermicro Update Manager (SUM)</a> , <a href="#">Supermicro SuperDoctor® 5 (SD5)</a> , <a href="#">Super Diagnostics Offline (SDO)</a> , <a href="#">KVM with dedicated LAN</a> , <a href="#">IPMI 2.0</a>
PC Health Monitoring	
<b>Voltage</b>	VBAT, System level control, Supports system management utility, Monitors CPU voltages, +5V standby, +5V, +3.3V, +12V
<b>LED</b>	UID/Remote UID CPU / System Overheat LED
<b>Temperature</b>	Monitoring for CPU and chassis environment CPU thermal trip support Thermal Monitor 2 (TM2) support PECI
<b>FAN</b>	Fan speed control
<b>Other Features</b>	WOL UID M.2 NGFF connector Control of power-on for recovery from AC power loss ACPI power management

Certain products may not be available in your region

Global SKU **English**

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